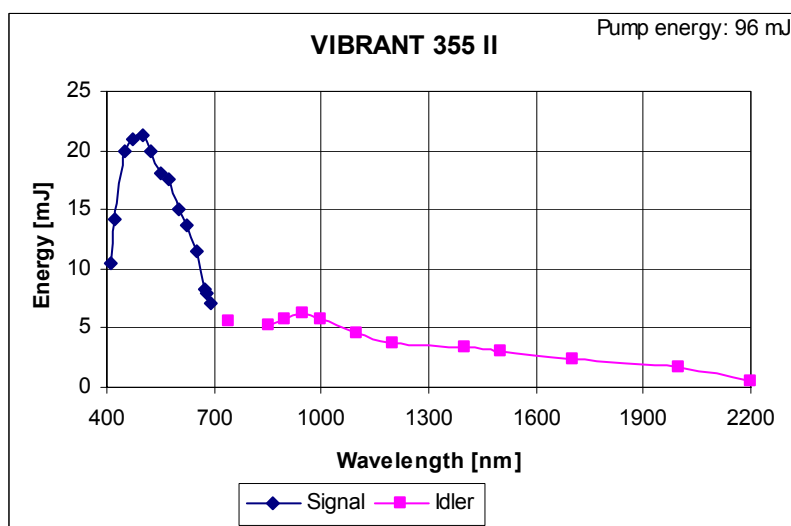


VIBRANT 355 II

Pump Laser:	Brilliant	Beam Diameter:	6 mm
Pulse Repetition Rate:	10Hz	Beam Divergence:	
Pump Wavelength:	355 nm	Vertical:	2 mR
Pulse Energy (@ 355 nm)	90 mJ	Horizontal	2 mR @410 nm; 10 mR @680 nm
Pulse Length:	5 ns		



The spectral linewidth is in the range of $3 - 5 \text{ cm}^{-1}$ across the entire tuning range.

Options and Accessories (See separate data sheets)

- **The Comptroller™:** A fully integrated computer control system that includes a spectrograph, A/D card, control hardware and software. This option provides automated operation and control of both the OPO and other modules, as well as the pump laser.
- **UV Modules:** Frequency doublers and frequency mixers that can extend the tuning range from 210 nm to 380 nm.
- **Fiber Delivery System:** Couples the OPO output into a fiber, providing flexibility and delivering an exceptionally uniform beam at any distance from the OPO.
- **Spectrophotometer:** This unit can be integrated with the Comptroller™ to perform automated absorption or optical density measurements

* Manufactured by Quanel

